



EPW

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date January 7, 2005

Ayesha J. Shaikh  
Ayesha J. Shaikh

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/648,567

Confirmation No. : 4104

Applicant : Troy A. Manning

Filed : August 25, 2003

Attorney Docket No.: 500444.04

Art Unit : 2133

Customer No. : 27,076

Examiner : Not Yet Assigned

Title : METHOD AND APPARATUS FOR GENERATING EXPECT DATA FROM A CAPTURED BIT PATTERN, AND MEMORY DEVICE USING SAME

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. A copy of the non-patent literature reference, as required under 37 C.F.R. § 1.98(a)(2), is enclosed. Copies of the cited U.S. patents will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

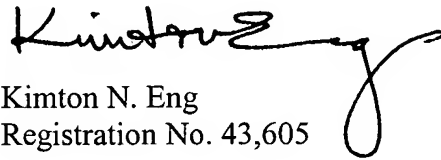
I hereby certify that no item set forth on the attached form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application or, to my

knowledge, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP

  
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KNE:ajs

Enclosures:

Postcard  
Form PTO-1449  
Cited Reference (1)

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|--|--|--------------------------------------|--------------------------------------|
| FORM PTO-1449<br>(REV. 7-80)<br><br><b>INFORMATION DISCLOSURE STATEMENT</b><br>(Include all sheets if necessary) | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br><b>500444.04</b> | APPLICATION NO.<br><b>10/648,567</b> |
|  | APPLICANT(S)<br><b>Troy A. Manning</b>                     |                                      |                                      |
|  | FILING DATE<br><b>August 25, 2003</b>                      | GROUP ART UNIT<br><b>2133</b>        |                                      |

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME            | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|----------|-----------------|-------|----------|-------------------------------|
|                      | AA | 5,463,337       | 10/31/95 | Leonowich       | 327   | 158      |                               |
|                      | AB | 5,712,883       | 01/27/98 | Miller et al.   | 375   | 371      |                               |
|                      | AC | 5,764,092       | 06/09/98 | Wada et al.     | 327   | 271      |                               |
|                      | AD | 6,125,157       | 09/26/00 | Donnelly et al. | 375   | 371      |                               |
|                      | AE |                 |          |                 |       |          |                               |
|                      | AF |                 |          |                 |       |          |                               |
|                      | AG |                 |          |                 |       |          |                               |
|                      | AH |                 |          |                 |       |          |                               |
|                      | AI |                 |          |                 |       |          |                               |
|                      | AJ |                 |          |                 |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
|  |    |                 |      |         |       |          | YES         | NO |
|  | AK |                 |      |         |       |          |             |    |
|  | AL |                 |      |         |       |          |             |    |
|  | AM |                 |      |         |       |          |             |    |
|  | AN |                 |      |         |       |          |             |    |
|  | AO |                 |      |         |       |          |             |    |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |   |
|--|----|---|
|  | AP | Park, D. et al., "Fast Acquisition Frequency Synthesizer with the Multiple Phase Detectors", IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, Vol. 2, May 1991. pp. 665-668. |
|  | AQ |   |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s). |                 |